

Navigation Hydrographic Surveys Channel Condition Webpage

Paul Cox

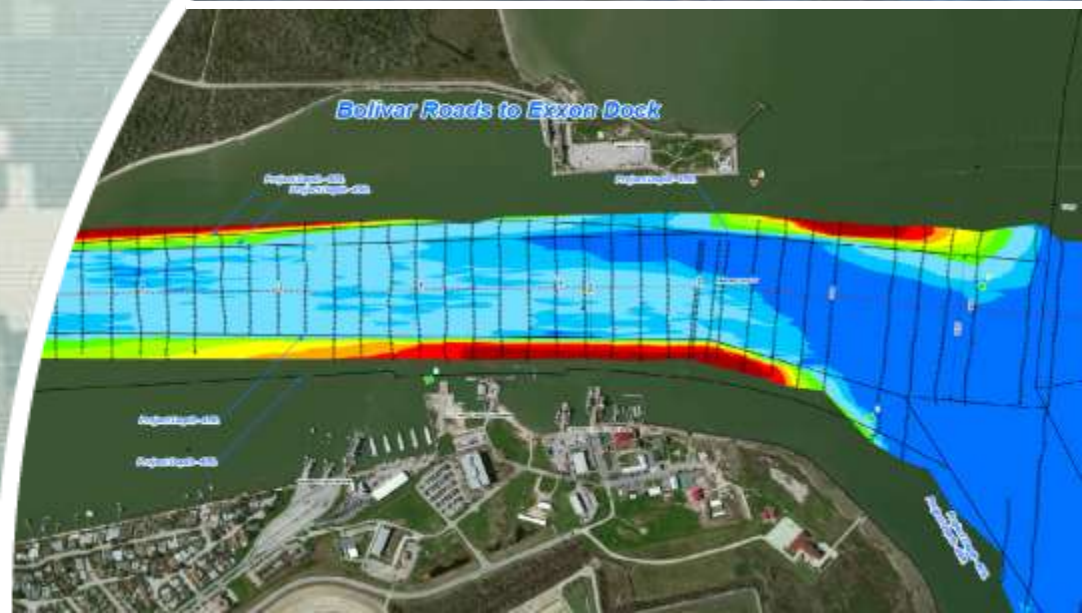
Engineer Technician

Navigation Branch

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US Army Corps of Engineers
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NAVIGATION HYDROGRAPHIC SURVEYS



Accomplishing our Navigation mission by keeping hydrographic reports current while providing our customers the necessary information for safe channel navigation as well as a means for planning navigational operations.



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HYDROGRAPHIC SURVEY WEBPAGE

eHydro Navigation Channel Condition Reporting

- Launched the Hydrographic Survey Webpage in mid May 2014.
- Purpose of Webpage: Publish Federal Channel Conditions to navigation project stakeholders in a useable format.
- Channel Condition Survey Maps will provide users with information to determine conditions of channels at a glance.
- Maps include color bathymetry and soundings depths.
- Maps facilitate users in determining and planning vessel operation.
- Maps provide channel framework as well as Aids to Navigation.



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HYDROGRAPHIC SURVEY WEBPAGE

eHydro Navigation Channel Condition Reporting

The US Army Corps of Engineers developed the eHydro application for the purpose of producing and disseminating enterprise hydrographic data.

Description:

- eHydro application enables districts to produce consistent survey plots, channel tabulations, and metadata from survey soundings.
- eHydro application uses a framework of channel boundaries, project depths, stationing and channel quarters, ensuring consistent and reliable reference.
- eHydro application also applies background imagery and feature data to produce condition plots.



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HYDROGRAPHIC SURVEY WEBPAGE

Hydrographic Survey Team

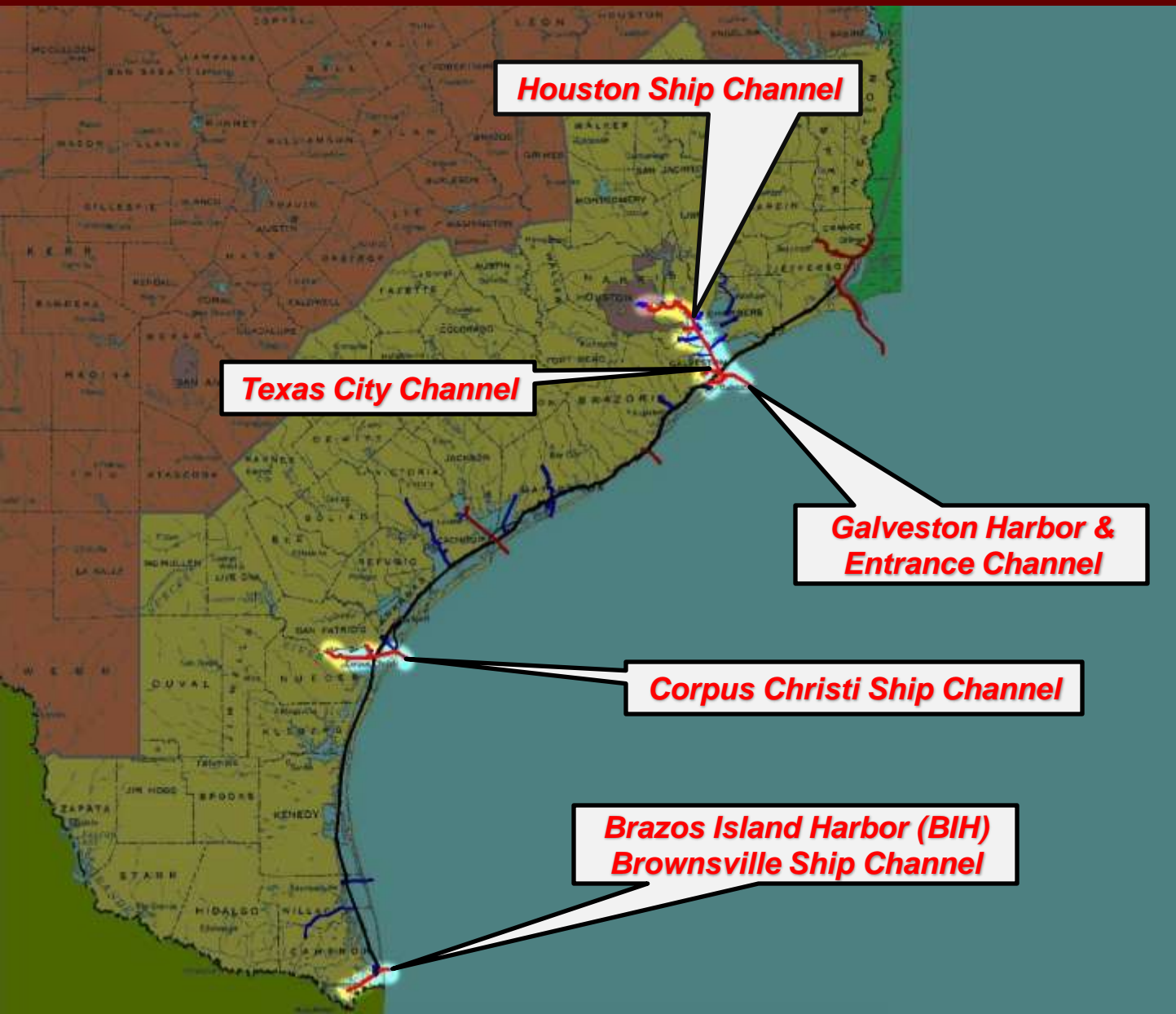
- GIS /eHydro Support: [Rob Thomas and Rick Vera]
- Hydrographic Surveyors and Survey Coordinator(s) [Terrell Smith]
Engineering and Construction
- Webpage Design: Justin Arnette and Navigation Branch employees
[Paul Cox, Bob Koch, Michael Prymula]
- Webpage Updates: Navigation Branch



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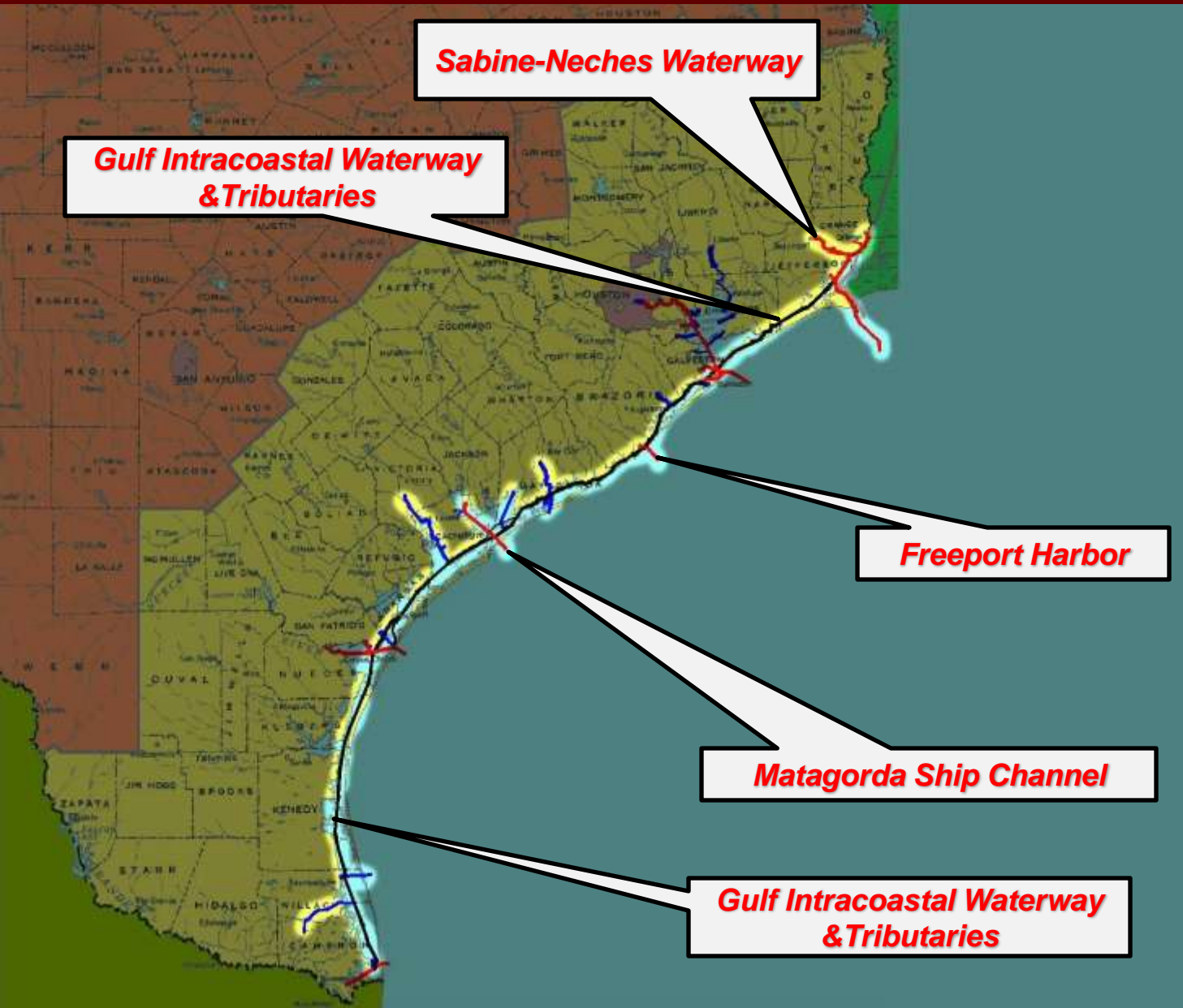
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REMAINING PROJECTS DEVELOPMENT



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NAVIGATION HYDROGRAPHIC SURVEYS

GALVESTON DISTRICT WEBSITE:

<http://www.swg.usace.army.mil/>

NAVIGATION WEBPAGE:

<http://www.swg.usace.army.mil/Missions/Navigation.aspx>



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QUESTIONS? /COMMENTS



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